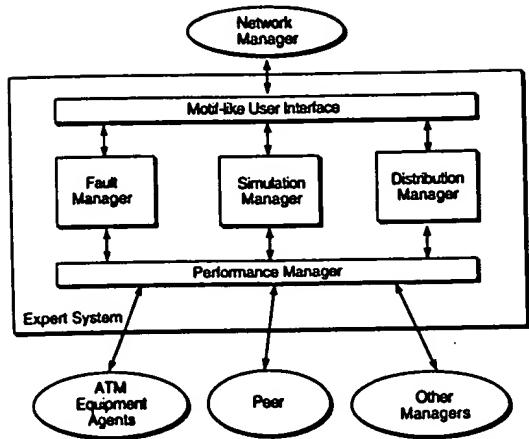
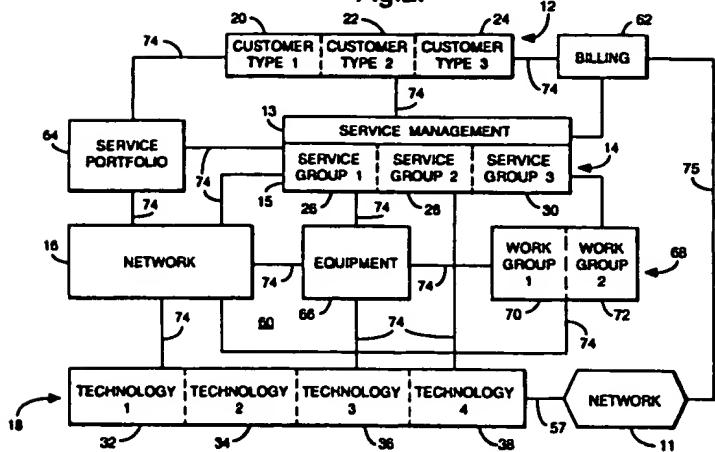


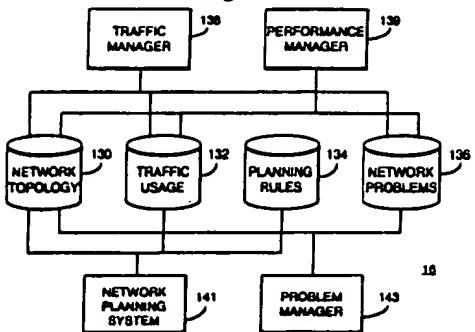
**FIG. 1**



**Fig.2.**



**Fig.5.**



The single drawing in this application and Figures 2 and 5 of Hearn are reproduced (in reduced form) to the left hereof for convenience of reference. Note that applicants' Jepson preamble requires that the ATM management network include functional areas, including security management and accounting management. The claim also includes the steps of using an inference engine fault manager including correlation of ATM switch failures and traps and automating recommended courses of corrective action and using an inference engine for the performance management of an ATM management network. The Examiner contends that Hearn discloses a problem manager 143 (which he equates to applicants' fault manager) for receiving fault reports from the other domains,

using information contained in the database 130 concerning the network topology. It then correlates these faults and identifies the problems which are causing them. The identified problems are recorded in the database 136, and the manager 143 sends instructions (recommendation) to the traffic manager 138, the service domain 14 or the traffic domain 18 to restore lost services and to remove problems (the Examiner referring to Figs 2 and 5 (reproduced above) and col. 1, lines 21-34).

Neither the problem manager or the traffic manager nor the performance manager of Hearn is characterized as being either an expert system or an inference engine. Hence, it is not clear that the reference utilizes an inference engine fault manager including correlation of ATM switch failures and traps and automating recommended courses of corrective action or that there is an inference engine used for the performance management of the ATM management network.

In view of the above, further and favorable action is respectfully requested.

Respectfully submitted,

*Jim Zegeer*  
Jim Zegeer, Reg. No. 18,957  
Attorney for Applicants

Suite 108  
801 North Pitt Street  
Alexandria, VA 22314  
Telephone: 703-684-8333

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In the event this paper is deemed not timely filed, the applicant hereby petitions for an appropriate extension of time. The fee for this extension may be charged to Deposit Account No. 26-0090 along with any other additional fees which may be required with respect to this paper.